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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/690,600	10/17/2000	Peter B. Hogerton	53434USA8C.009	2568
32692	7590	08/03/2005	EXAMINER	
3M INNOVATIVE PROPERTIES COMPANY PO BOX 33427 ST. PAUL, MN 55133-3427			ART UNIT	PAPER NUMBER

DATE MAILED: 08/03/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Notification of Non-Compliant Appeal Brief (37 CFR 41.37)	Application No. 09/690,600	Applicant(s) HOGERTON ET AL.
	Examiner Christian Wilson	Art Unit 2891

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

The Appeal Brief filed on 27 September 2004 is defective for failure to comply with one or more provisions of 37 CFR 41.37.

To avoid dismissal of the appeal, applicant must file a complete new brief in compliance with 37 CFR 41.37 within **ONE MONTH or THIRTY DAYS** from the mailing date of this Notification, whichever is longer. **EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136.**

1. The brief does not contain the items required under 37 CFR 41.37(c), or the items are not under the proper heading or in the proper order.
2. The brief does not contain a statement of the status of all claims, (e.g., rejected, allowed or confirmed, withdrawn, objected to, canceled), or does not identify the appealed claims (37 CFR 41.37(c)(1)(iii)).
3. At least one amendment has been filed subsequent to the final rejection, and the brief does not contain a statement of the status of each such amendment (37 CFR 41.37(c)(1)(iv)).
4. (a) The brief does not contain a concise explanation of the subject matter defined in each of the independent claims involved in the appeal, referring to the specification by page and line number and to the drawings, if any, by reference characters; and/or (b) the brief fails to: (1) identify, for each independent claim involved in the appeal and for each dependent claim argued separately, every means plus function and step plus function under 35 U.S.C. 112, sixth paragraph, and/or (2) set forth the structure, material, or acts described in the specification as corresponding to each claimed function with reference to the specification by page and line number, and to the drawings, if any, by reference characters (37 CFR 41.37(c)(1)(v)).
5. The brief does not contain a concise statement of each ground of rejection presented for review (37 CFR 41.37(c)(1)(vi))
6. The brief does not present an argument under a separate heading for each ground of rejection on appeal (37 CFR 41.37(c)(1)(vii)).
7. The brief does not contain a correct copy of the appealed claims as an appendix thereto (37 CFR 41.37(c)(1)(viii)).
8. The brief does not contain copies of the evidence submitted under 37 CFR 1.130, 1.131, or 1.132 or of any other evidence entered by the examiner and relied upon by appellant in the appeal, along with a statement setting forth where in the record that evidence was entered by the examiner, as an appendix thereto (37 CFR 41.37(c)(1)(ix)).
9. The brief does not contain copies of the decisions rendered by a court or the Board in the proceeding identified in the Related Appeals and Interferences section of the brief as an appendix thereto (37 CFR 41.37(c)(1)(x)).
10. Other (including any explanation in support of the above items):



Christian Wilson, Ph.D.
Primary Examiner
Art Unit: 2891

The brief does not contain a concise statement of each ground of rejection presented for review as required by 37 CFR 41.37(c)(1)(vi). No mention is made of the outstanding rejection of claims 16 – 19 under 35 U.S.C. 112, first paragraph.

The brief does not contain arguments of the appellant with respect to each ground of rejection presented for review, and the basis therefor, with citations of the statutes, regulations, authorities, and parts of the record relied on as required by 37 CFR 41.37(c)(1)(vii). No argument is made in response to the rejection of claims 16 – 19 under 35 U.S.C. 112, first paragraph.

The brief does not contain, for each rejection under 35 U.S.C. 112, first paragraph, an argument which specifies errors in the rejection and how the first paragraph of 35 U.S.C. 112 is complied with, including how the specification and drawings, if any, describe the subject matter defined by each of the rejected claims.

In the Final Rejection, claims 16 – 19 were rejected as failing to comply with the written description requirement. The claims contain subject matter which was not described in the specification in such a way as to reasonably convey to one skilled in the relevant art that the inventors, at the time the application was filed, had possession of the claimed invention.

Specifically, claim 16 recites the limitation of “conductive bumps are metallurgically bonded to said integrated circuit chip”. The originally filed specification describes in general the method of metallurgically bonding an IC chip to a substrate. However, the originally filed specification does not describe in a way as to reasonably convey to one skilled in the art the method of metallurgically bonding the conductive bumps to the integrated circuit chip. This is a separate and distinct process step from bonding the IC chip to a substrate.